

Amendments of the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method for transferring a broadcast signal to a storage device comprising:

- receiving multiple broadcast signals from corresponding multiple channels substantially simultaneously;
- receiving instructions to transfer two or more timeslots on one or more channels to the storage device, wherein each of the timeslots corresponds to a program broadcast on a respective channel, and wherein first and second of the timeslots each includes at least a core portion, the first one of the timeslots including a user extended lead portion preceding the core portion of the first timeslot or a user extended trail portion following the core portion of the first timeslot, wherein each of the timeslot portions is processed as a separate entity;
- determining whether the instructions require at least portions of the first and second timeslots to be transferred to the storage device at the same time and thereby cause a conflict between the first and the second timeslots;
- determining one or more solutions to the conflict;
- providing a user an opportunity to choose one of the solutions to the conflict; and
- resolving the conflict automatically when the user does not choose one of the solutions by assigning priorities to each of the timeslots, wherein the priorities indicate an order

in which the timeslots are transferred to the storage device when a conflict is detected, wherein priorities are assigned automatically by:

determining whether the first one of the timeslots has the user extended lead or trail portion;

assigning a priority to the first timeslot that is higher than a priority assigned to the second timeslot when the first timeslot is determined to include the user extended trail portion; and

otherwise, assigning a priority to the second timeslot that is higher than the priority assigned to the first timeslot when the first timeslot includes the user extended lead portion.

2. (Canceled)

3. (Previously Presented) A method for transferring a broadcast signal to a storage device comprising:

receiving multiple broadcast signals from corresponding multiple channels substantially simultaneously;

receiving instructions to transfer two or more timeslots on one or more channels to the storage device, wherein each of the timeslots corresponds to a program broadcast on a respective channel, and wherein the first and second of the timeslots each includes at least a core portion, the first one of the timeslots including an automatically extended lead portion preceding the core portion of the first timeslot or an automatically extended trail portion following the core portion of the first timeslot, the second one of the timeslots not having an automatically extended lead portion or

an automatically extended trail portion, wherein each of the timeslot portions is processed as a separate entity;

determining whether the instructions require at least portions of the first and second timeslots to be transferred to the storage device at the same time and thereby cause a conflict between the first and the second timeslots;

determining one or more solutions to the conflict;

providing a user an opportunity to choose one of the solutions to the conflict; and

resolving the conflict automatically when the user does not choose one of the solutions by assigning a priority to the second timeslot that is higher than a priority assigned to the first timeslot, wherein the priorities indicate an order in which the timeslots are transferred to the storage device when a conflict is detected.

4-5. (Canceled)

6. (Previously Presented) A method for transferring a broadcast signal to a storage device comprising:

receiving multiple broadcast signals from corresponding multiple channels substantially simultaneously;

receiving instructions to transfer two or more timeslots on one or more channels to the storage device;

determining whether the instructions require at least portions of the timeslots to be transferred to the storage device at the same time and thereby cause a conflict between the timeslots;

determining a plurality of solutions to the conflict;

examining each timeslot in each of the solutions;

assigning a first priority for a first of the timeslots, wherein the first timeslot includes a user extended lead portion, a second priority for a second of the timeslots, wherein the second timeslot includes a user extended trail portion, a third priority for a third of the timeslots, wherein the third timeslot includes an automatically extended lead or trail portion, and a fourth priority for a fourth of the timeslots, wherein the fourth timeslot includes a core portion, wherein the priorities indicate an order in which the timeslots are transferred to the storage device when a conflict is detected;

determining solutions to the conflict based on the priorities assigned to the slots;

presenting the solutions to the user;

providing a user an opportunity to choose one of the solutions to the conflict; and

resolving the conflict automatically, when the user does not choose one of the solutions, by assigning a priority to the second timeslot that is higher than a priority assigned to other timeslots based on a determination that the second timeslot includes the user extended trail portion.

7-16. (Canceled)

17. (Previously Presented) A video recorder comprising:

means for receiving multiple broadcast signals from corresponding multiple channels substantially simultaneously;

means for receiving two or more instructions to transfer one or more timeslots on one or more channels to a

storage device, wherein each of the timeslots corresponds to a program broadcast on a respective channel, and wherein the first and second of the timeslots each includes at least a core portion, the first one of the timeslots including an automatically extended lead portion preceding the core portion of the first timeslot or an automatically extended trail portion following the core portion of the first timeslot, the second one of the timeslots not having an automatically extended lead portion or an automatically extended trail portion;

means for finding one or more conflicts, which are caused by the instructions when the instructions require at least portions of the first and second timeslots to be transferred to the storage device at the same time;

means for generating one or more solutions to the conflicts, which the video recorder obtains;

means for giving a user an opportunity to choose one of the solutions to the conflicts; and

means for solving the conflicts automatically when the user does not choose one of the solutions by assigning a priority to the second timeslot that is higher than priority assigned to the first timeslot based on a determination that the first timeslot includes the automatically extended lead portion or the automatically extended trail portion, wherein the priorities indicate an order in which the timeslots are transferred to the storage device when a conflict is detected.

18-21. (Canceled)

22. (Previously Presented) The method of claim 1 wherein the step of determining whether the instructions cause a conflict further comprises:

determining whether a conflict exists when a number of available tuners is less than resources required to completely transfer a plurality of timeslots scheduled to be transferred to the storage device; and

wherein the timeslot with the lower priority is transferred to a system queue.

23. (Previously Presented) The video recorder of claim 17, further comprising means for providing a system queue, wherein the system queue receives one of the first timeslot or the second timeslot that is not used to solve the conflict.

24. (Previously Presented) A method for transferring a broadcast signal to a storage device comprising:

receiving multiple broadcast signals from corresponding multiple channels substantially simultaneously;

receiving instructions to record one or more timeslots on one or more channels, wherein each of the timeslots corresponds to a program broadcast on a respective channel, and wherein first and second of the timeslots each includes at least a core portion, the first one of the timeslots including a user extended lead portion preceding the core portion of the first timeslot or a user extended trail portion following the core portion of the first timeslot,

wherein each of the timeslot portions is processed as a separate entity;

determining whether the instructions require at least portions of the first and second timeslots to be transferred to the storage device at the same time and thereby cause a conflict between the first and the second timeslots;

providing a system queue for receiving the first and second timeslots that cause a conflict, wherein priorities are assigned to the first and second, such that a higher priority is assigned to the first timeslot when the first timeslot includes a user extended trail portion; and

resolving the conflict automatically by:

comparing the first and second timeslots in the system queue with priorities assigned to subsequent one or more timeslots on one or more channels;

transferring one of the first and second timeslots in the system queue with based on the higher priority that matches the priority of the subsequent one or more timeslots to the storage device.

25. (Previously Presented) A video recorder comprising:

means for receiving multiple broadcast signals from corresponding multiple channels substantially simultaneously;

means for receiving one or more instructions to transfer one or more timeslots on two or more channels to a storage device, wherein each of the timeslots corresponds to a program broadcast on a respective channel, and wherein first and second of the timeslots each includes at least a core portion, the first one of the timeslots including a user

extended lead portion preceding the core portion of the first timeslot or a user extended trail portion following the core portion of the first timeslot, wherein each of the timeslot portions is processed as a separate entity;

means for finding one or more conflicts, which may be caused by the instructions, where the instructions require at least portions of the one or more timeslots to be transferred to the storage device at the same time and thereby cause a conflict between the first and the second timeslots;

means for generating one or more solutions to the conflicts;

means for providing a system queue for receiving one or more timeslots;

means for giving a user an opportunity to choose one of the solutions to the conflict; and

means for solving the conflict automatically when the user does not choose one of the solutions, by assigning priorities to each of the timeslots, wherein the priorities indicate an order in which the timeslots are transferred to the system queue when a conflict is detected, wherein priorities are assigned automatically by assigning a priority to the first timeslot that is higher than a priority assigned to the second timeslot when the first timeslot is determined to include the user extended trail portion.

26. (Previously Presented) The method of claim 1 wherein the step of providing the user an opportunity further comprises receiving an indication to resolve the conflict automatically.

27. (Previously Presented) The video recorder of claim 17, further comprising means for receiving an indication to resolve the conflict automatically.

28. (New) The method of claim 1, wherein the multiple broadcast signals are received by respective first and second tuners.